

388 East Boynton Road • Kaysville, Utah 84037 • (801) 544-3641

Copy Jesse, PAM
Jesse, PAM
RECEIVED

MAY 20 1991

Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL GAS & MINING

19 May 1991

Pamela:

Ref: Letter of Credit, NOV N91-26-5-1, Bear Canyon Mine, Co-Op
Mining Company, 807-010-000, Emery County, Utah

During the last few days we have formalized our Reclamation Area Maps (Plates 8-5) which show the areas to be used for bonding calculations and plant growth material requirements. A copy of these plates will be submitted to the Division on Monday 20 May 1991 with this letter. We spoke with Jess Kelly of the Division on Friday and he said that he would not be looking at the issue until then. After reviewing post mining reclamation procedures we determined that our potential reclamation areas would be slightly higher than those supplied to the Division on Tuesday 14 May 1991. I have updated the relative material and have attached four copies of each of the following pages; 2-9, 3-39, 3-86 and 3-89. Please discard duplicates dated 5/91 of these pages delivered to the Division on 14 May 1991, note that page 3-83 is not repeated with this correspondence and is should be incorporated into the MRP. The results are summarized below.

DISTURBED AREAS

<u>Mark</u>	<u>Definition</u>	<u>Acres</u>
TS-1	Ball Park Topsoil Pile	1.28
TS-2	Lower Haul Road	1.60
TS-3	Sed Pond B & Scale House	2.55
TS-4	Sed Pond A	0.61
TS-5	Main Pad Area	9.34
TS-6	Lower Portal Access Road	1.23
TS-7	Portal Access Road	2.86
TS-8	Upper Storage Pad	0.61
		=====
	TOTAL	20.08
	(Without the Ball Park) SUBTOTAL	18.8

This results in an additional 4.08 acres to be incorporated into bounding calculations, above that used in 1990. The resulting modifications incorporated into the text, relative to the 1990 estimate are summarized below.

Item d. At \$2,672.50/acre for backfilling and grading (\$42,760/16 acre = \$2,672.50) multiply by the 4.08 additional acres would increase the total \$10,904 to approx \$53,664.

Item f. (8 acres + 2.8 acres) Adding 4 acres for a total of 12 x \$891.00/acre = \$10,692, increase = \$3,564

Added Total 1990

=====
\$14,468

The new bonding total is 270,071 with a 10 pct contingency and Escalated to 1995. The Letter of Credit posted in July 1990 for \$290,000 is still \$19,929 in excess of the required amount. If there are any questions concerning this matter please notify us immediately.

Thank you,

Kimly C. Mangum, P.E.
Permitting & Compliance Consultant.

cc: Co-Op Mining Co.
C.O.P. Coal Development Co.
Joseph C. Helfrich (DOGM)